ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | NITTALS | ID NO. | DATE      |
|---------------------------|---------|--------|-----------|
|                           |         |        |           |
| FEE DETERMINATION         | Pakel   |        | 10-60-01  |
| O.I.P.E. CLASSIFIER       |         | 49     | 19/16/21  |
| FORMALITY REVIEW          | 4. T    | 913    | 11/00/01  |
| RESPONSE FORMALITY REVIEW |         |        | -11/2/101 |

## INDEX OF CLAIMS

| <u>=</u> | Rejected Allowed (Through numeral) Canceled Restricted | , A | Non-elected Interference Appeal Objected |
|----------|--|-----|--|
|----------|--|-----|--|

|          | Cu       | ılm.         | Dotto |          |             |        |                 |              |              | Claim Date |        |        |      |     |         |              |              |          | Cialm Date |         |                |          |          |          |    |          |          |        |    |    |            |     |    |     |         |           |          |
|----------|----------|--------------|-------|----------|-------------|--------|-----------------|--------------|--------------|------------|--------|--------|------|-----|---------|--------------|--------------|----------|------------|---------|----------------|----------|----------|----------|----|----------|----------|--------|----|----|------------|-----|----|-----|---------|-----------|----------|
|          | •        | 8            | K     | 12       | Ţ           | Γ      | 1               | Γ            | T            | Τ          | Т      | Τ      | 7    | П   | _       | 7            | $\gamma$     |          | T          | Ť       | T              | T        | T        | Т        | ٦  | ۲        |          | Т      | Т  | Т  | ٦          | Ŧ   | -  | _   | _       | _         | Н        |
|          | 7        | Ş.           | X     | K        | L           | 1      | 1               | 1            | 1            | ı          | 1      |        | 1    | a   | Ortgine | - }          |              | - }      |            | -1      | -              | 1        | 1        | 1        | ١  | ١,       | Original | - 1    | ١  | -  | 1          | ı   |    |     |         | ı         | li       |
|          | 5        | δ            | 16    | r        | 1           | 1      | 1               | 1            | 1            | 1          | ı      | l      | ł    | E E | 8       | - 1          | 1            | ı        | 1          | - 1     | -1             | 1        | 1        |          | 1  |          | Ž        | - 1    | 1  | -1 | ı          | - 1 |    | ĺ   | ı       |           |          |
|          |          | W            | 7     | V        | 1           | 7.     | T               | 7            | Т            | T          | Т      | Т      | 7    | П   | 51      | 7            | 7            | 7        | 7          | 7       | +              | +        | +        | +        | 1  | ۲        | 101      | +      | 7  | ╅  | +          | -1  |    | ┝   | H       | H         | Н        |
|          |          | 2            | Ť     | Ti       | 1           | ١.     | 1               | 1            | 1            | 1          | ✝      | 十      | 1    | Н   | 52      | 7            | 7            | 7        | 7          | +       | +              | ╅        | +        | ┿        | 1  | H        | 102      | +      | +  | +  | +          | -   |    | -   | H       | -         | Н        |
| •        |          | 3            | 7     | П        | 1           | 1      | 1               | 1            | 1            | †          | ✝      | t      | 1    |     | 53      | +            | 7            | 7        | -†         | 1       | +              | +        | +        | +        | ┨  | ┢        | 100      | -+     | +  | +  | ┽          | -+  | -  |     |         | H         | Н        |
|          |          | .4           | H     | H        | †-          | 1      | ✝               | 1            | +            | ╁          | +      | ╆      | 1    | Н   | 54      | -            | -1           | +        | -1         | +       | +              | +        | ╁        | +        | -1 | ┝        | 104      | -}     | 4  |    | 4          |     | -  | _   | Ы       | Ш         | Н        |
| . `      |          | 5            | lt    | Ħ        | ١.          | Ť      | t               | ╀╴           | ╆            | †-         | ╁      | 十      | 1    | Н   | 33      | -+           | ┪            | -        | 7          | ╅       | +              | +        | ┰        | ┿        | 1  | -        | 105      | +      | +  |    | 4          | -   | -  | _   | Н       | Н         | Н        |
|          |          | 6            | ۲     | #        | ŀ٠          | 1      | ✝               | ┰            | +            | ✝          | +-     | +      | 1    | Н   | 56      | -+           | -1           | +        | -+         | +       | ┿              | ┿        | ┿        | ┿        | -  | -        | 100      | -      | +  | +  | 4          |     |    | ٠., | -       | -         | 1        |
|          |          | 7            | t     | ╟        | 十           | +-     | +-              | ┰            | +-           | +-         | ✝      | 十      | 1    | Н   | 57      | 7            | ┪            | -+       | +          | +       | +              | +        | ┿        | +        | -  | -        | 107      | +      | 4  | +  | 4          | -   | _  | _   | Н       | -         | $\vdash$ |
| . 1      | -        |              | t     | ╟        | 1           | 1      | +               | 1-           | <del> </del> | ╁╴         | ╁╴     | ┢      | 1    |     | 58      | +            | -1           | $\dashv$ | +          | +       | +              | ╌        | +        | +        | -  | 4        | 108      | +      | +  | 4  | 4          | 4   | _  | -   | Н       | Н         | Ц        |
| ٠,       | $\vdash$ |              | 1     | ╫╌       | H           | t-     | ╁╌              | -            | Н            | ╁╌         | ╁╴     | ┢      | ┪    | H   | 59      | +            | 4            | -+       | ╅          | +       | +              | ┰        | +        | ╂        | -  | ⊦        |          | 4      | -  |    | +          | 4   | -1 | Щ   | Н       | Н         | Н        |
|          | ÷        |              | 1     | 1        | ╌           | +-     | +-              | <del> </del> | ╆╌           | ╆╌         | ╁╌     | ┞      | ł    | Н   | 60      | 十            | +            | +        | +          | +       | +              | 4        | +        | ╀        | 4  | $\vdash$ | 109      | +      | 4  | 4  | 4          | -4  | 4  |     | Н       | Ŀ         | Ц        |
| : 1      | -        | 10<br>11     | +     |          | ١.          | 1-     | <del>1.</del> - | ŀ            | t            | ╁╌         | ╁      | ╁-     | 1    |     | 61      | - [-         | -            | -+       | +          | +       | <u>+</u>       | +        | +-       | +        | 4  | -        | 110      | +      | 4  | 4  | 4          | 4   | _  | _   | Ŀ       |           | Ц        |
| . 1      |          | 12           | -}    | H        | ŀ۰          | ١.     | <del> </del>    | ١-           | ١.           | 1-         | ╀      | ÷      | 1    |     | 62      | +            | -+           | +        | +          | +       | +              | 4-       | +-       | +        | 4. | ٠Ļ       | 711      | +      | 4  | 4  | 4          | 4   | _  |     | _       |           | Ш        |
| <b>)</b> | -        | 201          | 4     | J        | 1           |        | <del> </del>    | ١÷           | ÷            | ╀          | ╁-     | -      | 1    |     | 63      | 4            | +            | +        | 4          | - -     | +              | ╂        | +        | +-       | 4  | 1        | 112      | 4      | 4  | 4  | 4          | 4   |    | _   | _       |           | اــــ    |
|          |          | 9            | à     | 1        | ١           | H      | ┝               | H            | H            | ╀          | H      | ├-     |      | _   | 84      | +            | -1           |          | +          | +       | +              | 4        | +        | 4-       | ₹. | Ŀ        | 113      | -      | 4  | 1  | 1          | 4   | _  |     | Ц       |           |          |
|          |          | 盟            | Н     | W        | <del></del> | -      |                 | <del> </del> | ŀ            | Ͱ          | -      | H      | -{   |     | 65      | 4            | 4            | +        | -1-        | 4.      | +              | 4        | 4        | 4        | Į  | 1        | 114      | -1.    | 1  | 1  | 1          | 1   |    | -   |         |           |          |
|          | $\dashv$ |              | Н     | Н        | ⊢           | -      | -               | -            | ╀┈           | ₽.         | 1      | ┡      | 1    |     |         | 4            | 4            | 4        | 4          | 4       | 4              | 4        | 4        | 1        | 4  | L        | 1,,2     | 1      | 1  | Ť. | 1          | 1   | _  |     | ان      |           |          |
|          | -1       | 쉬            | H     | 4        | ŀ,          | ⊢      | -               | -            | Ι            | ┝          | -      | ├-     | 1    |     | 96      | 4            | -1           | 4        | 4          | 4       | 4              | 1        | 1        | ┸        | 1  | L        | 116      | Ŀ      | ┸  | 1  | 1          | _1  | 1  |     | _1      |           | ╝        |
| Ì        |          | <del>"</del> | Н     | +        | ⊢           | -      | -               |              | ١.           | ┡~         | -      | L      | 1    |     | 27      | 4            | 4            | 4        | 4          | 4       | 4              | +        | 1        | 1        | 1  | L        | 117      | 1      | 1  | 1  | 4          | ┙   | _  | : ] | _{1}    |           | _        |
| - 6      |          |              | H     | H        | H           | ⊢      | Ŀ               | <b>!</b>     | ⊢            | ١.         |        | ┡      | 1    |     | 88      | 4            | 4            | 4        | 4          | 1       | 4              | 4.       | ┸        | 丄        | 1  | L        | 118      | L      | L  | ┸  | L          | 1   | _1 |     |         | $_{ m I}$ |          |
| ,        |          | 20           | H     | L        | Ŀ           |        |                 |              | ⊢            | L          | _      | L      | 1 1  |     | 39      | 4            | 4            | 4        | ┸          | 1       | ┸              | ┸        |          | L        | l  | L        | 119      | 1      |    | 1  | Ι          | 7   | 1  |     | П       | ٦         | ٦        |
| ı        |          | 20           | Ш     | L        |             |        |                 |              | L            | _          | Ш      |        | ]    |     | ro      | 1            | _1.          | _1       | . [        | 1       | 1.             | 1        | 1        | (        | 1  | Г        | 120      | T      | Τ  | Τ  | Τ          | Ŧ   | 7  |     | ╗       | ┑         | ٦        |
| ı        |          | 21           | Δĺ    | Y        |             | _      |                 |              |              | L          |        |        | ]    |     | 71      | $\mathbf{I}$ | $\mathbf{I}$ | I        | Т          | 7       | T              | Τ        | 7        | T        | 1  |          | 121      | 十      | 1  | 7  | †          | 7   | 7  | 7   | 7       | 7         | 7        |
| - [      | 1        | 22           | _     |          |             |        |                 |              | Ш            |            |        |        | }    | 7   | 72      | Т            | Т            | T        | Т          | Т       | Т              | Т        | T        | 1        | 1  |          | 122      | $\top$ | 7  | 7  | t          | +   | 7  | ┪   | -       | 7         | ⊣        |
| . [      | _&       | 25           | Ц     |          |             |        |                 |              |              | L          |        |        | 1    |     | 73      | Т            | Т            | Т        | Т          | Т       | Т              | 1        |          | 1        | 1  | 1        | 123      | $\top$ | 7  | +  | t          | 7   | +  | 1   | +       | 7         | ٦.       |
|          |          | ব            |       |          |             |        |                 |              |              |            |        |        | 1    |     | 74      | Т            | T            | Т        | Т          | Т       | Т              | 1        | 1        | 1        | 1  | Г        | 124      | T      | 1  | +  | †          | +   | 7  | -1  | 7       | 7         | 7        |
| Į        |          | 25           |       |          |             |        |                 |              | ·            |            |        |        | ] [  |     | 75      | Т            | T            | T        | T          | 7       | 7              | 1        | 1        | T        | 1  | $\vdash$ | 125      |        | †  | +  | 1          | +   | +  | 7   | 7       | 7         | 7        |
|          |          | 20           | _     |          |             |        |                 |              |              |            | П      | П      | 1 1  | 7   | 8       | Т            | T            | Т        | Т          | 7       | 1              | 1        | $\vdash$ | 1        | 1  |          | 126      | 十      | 1  | †  | ۲          | 十   | 7  | 7   | ┪       | ┪         | ┥.       |
|          |          | 27           | _     |          |             |        |                 |              |              | Г          |        |        | 1 1  | 7   | 7       | T            | 7            | T        | 7          | 7       | +              | 1        | 1-       | 1        | 1  | -        | 12/      | +      | +  | +  | +          | +   | +  | 7   | 7       | ┪         | $\dashv$ |
| - [      |          | 28           |       |          |             |        |                 |              |              |            |        |        | 1    | 7   | 8       | Т            | 7            | Т        | T          | T       | 1              | T        | 1        | 1        | 1  |          | 128      | +      | t  | 1  | 1          | +   | 7  | 7   | -1      | +         | -        |
| [        |          | 29           |       |          |             |        |                 |              |              |            |        |        | ) 1  | 7   | 9       | T            | 7            | 7        | 7          | 1       | +              | †-       | 1        | 1        | 1  | $\vdash$ | 129      | +      | t  | +- | ✝          | +   | 7  | 7   | +       | +         | $\dashv$ |
| -[       | Ţ        | 30           |       |          |             |        |                 |              | -            |            | П      |        | 1    | 7   | 30      | T            | 7            | 7        | 1          | T       | †              | 1        | +        | 1        | 1  | 1        | 130      | +      | +  | +- | ۲          | +   | +  | +   | +       | +         | Ⅎ        |
| · [      | 7        | 31           | 7     | П        |             |        |                 |              |              |            | П      |        | 1    | Ti  | 11      | 7            | 1            | 十        | +          | 1       | +              | 1        | 1        | 1        | İ  | H        | 131      | +      | +  | +- | †-         | +   | +  | +   | +       | +         | $\dashv$ |
| Π        | 1        | 32           | T     | $\neg$   |             | П      |                 | 7            |              |            | П      |        | ii   | 7   | 2       | +            | 7            | 十        | 7          | +       | 1              | ✝        | t        | 1        |    | 1        | 132      | +-     | +  | ╁╴ | t          | +   | +  | ┪   | +       | +         | $\dashv$ |
| T        | 7        | 93           | 7     | . 1      | 7           | 7      | $\neg$          | 7            |              |            | П      | ျ      |      |     | 3       | ✝            | †            | +        | +          | +       | +              | †        | ۲        | †-       |    | $\vdash$ | 133      | +      | ╁  | ╈  | t          | ╅   | +  | +   | +       | +         | $\dashv$ |
| ा        | Ţ        | 4            | 1     |          |             | $\Box$ |                 | 1            |              | П          |        | $\neg$ |      | 10  | 4       | +            | †            | 十        | 1-         | +       | +              | ╆        | +-       | 1-       |    | $\vdash$ | 134      | +-     | ۲  | t  | ۰          | ╈   | +  | +   | +       | +         | $\dashv$ |
|          |          | 15           | _     | ٦        | 7           | 7      | $\neg$          | 7            |              |            |        | -      | 1    | 10  | s       | +            | +            | +        | +          | +       | 1              | +        | 1        | 1        | 1  | H        | 135      | +      | +  | +- | ۲          | +   | +  | +   | +       | +         | $\dashv$ |
|          | Ţ        | 36           | 7     | ٦        | _           | 7      | 7               | 7            |              | П          |        | ᅱ      |      | 18  |         | †            | †            | 十        | †          | +~      | +-             | +        | 1        | 1        | l  | $\vdash$ | 136      | +      | ۲  | +- | ۲          | +   | +  | +   | ┰       | +         | -        |
| Г        | Ţ        | 37           | 1     | ┑        | 7           | 7      | 7               | 7            | ٦            |            | $\neg$ | ⊣      | İ    | 7   | 7       | 1            | †            | 7        | +-         | +       | †              | t        |          |          |    | 1        | 137      | +      | †  | 1- | ţ          | 十   | +  | +   | +       | +         | $\dashv$ |
| ٦        | 7        | 18           | 7     | ٦        | $\dashv$    | 7      | 7               | 7            | 7            | 7          | 7      | 7      | 1    | - 8 |         | 1            | +            | +        | 1-         | +       | 1-             | +        | 1-       |          |    | 1        | 138      | +      | 十  | 1  | ٢          | +   | +  | +   | +       | +         | $\dashv$ |
| ı        | 13       | 18           | 7     | $\dashv$ | _           | 1      | $\dashv$        | 7            | $\neg$       | 7          | 7      | 7      | ŀ    | e   |         | +            | †            | +        | +          | +       | 1-             | 1        | $\vdash$ | $\vdash$ |    | $\vdash$ | 138      | ╁      | +- | +- | ╁          | +   | +  | +   | +       | +         | 4        |
| ı        | 1        | 10           | 1     | 7        | 7           | ┪      | 7               | 7            | 7            | _          | 7      | ┨      | ŀ    | - 8 |         | +-           | +            | +        | +-         | ╁       | +-             | +-       | Н        | Н        |    | _        | 140      | ╁      | ╆  | ╁  | H          | ╁   | +  | +   | +       | +         | 4        |
| ŀ        | +        | и            | +     | -        | -1          | -      | -†              | -+           | -1           |            | -      | ᅥ      | ŀ    | - 9 |         | ╁            | ╁            | ╁        | ╁          | ╀╌      | ᠰ              | }-       | Н        | Н        |    | -        | 141      | ┿      | ╀╌ | ╂  | ┝          | ╄   | +  | +   | 4       | 4         | 4        |
| ŀ        |          | 2            | ╅     | +        | 7           | +      | -+              | +            | -            | -          | -      | -{     | ŀ    | - 9 |         | ╀            | +            | +-       | +          | +-      | <del> </del> — | ļ.,      | -        | Н        |    | ⊢        |          | ╁-     | ╂- | ╄  | ┡          | +   | 4  | 4   | 4       | 4.        | _        |
| ŀ        |          | 6            | +     | +        | -1          | +      | -1              | +            | 4            | -          | -      | -      | ŀ    | 9   |         | ╀            | ╀            | +        | ╁          | ╀       | ١.             | ₩.       | Н        | $\vdash$ |    |          | 142      | +      | ╀  | ⊢  | ļ.,        | 1.  | 4  | 4   | _       | 4         | _        |
| ۲        | _        | 4            | ╅     | +        | +           | +      | +               | +            | +            | -          | - 1    | -{     | H    | 9   |         | ┿            | ╀            | +-       | +          | ┼~      | ├-             | ₽        |          | H        |    | _        | 143      | ╀      | -  |    | $\vdash$   | ╀   | +  | +   | 4       | 4         | 4        |
| ۲        |          | 5            | +     | +        | +           | 4      | -+              | +            | -{           | -          | -1     | 4      | ŀ    | 10  |         | ╁            | ╁            | +        | ╀          | -       | -              | <b>!</b> | H        | Ш        |    |          | 144      | +-     | 1  | L  | <b> </b> - | ╀   | +  | 1   | ᆚ       | 1         | ╛        |
| H        |          | 6            | +     | +        | $\dashv$    | +      | -1              | +            | -{           | -          | -1     | -4     | ŀ    |     |         | ╁            | +            | ╀        | +          | -       | -              | -        | Ш        | Ш        |    |          | 145      | +      | 1  | L  | L          | 1   | 4  | 1   | $\perp$ | 1         | _]       |
| H        |          | 7            | +     | +        | +           | +      | +               | +            | -            | ᅱ          | -      | -1     | - }  | 9   |         | ╀            | ╁            | ╁        | +          | ⊢       | <del> </del>   | <b>—</b> | ⊢↓       | Щ        | 1  |          | 46       | ↓_     | ┡  | Н  | ├-         | ╀   | 4  | 4   |         | 1         | _        |
| H        |          | 8            | +     | +        | +           | +      | -               | 4            | -1           | 4          | 4      | 4      | 1    | 9   |         | +            | +            | 4-       | +          | 1_      | <u> </u>       | L        | Ш        | Ш        |    | _        | 147      | 4      | L  |    | L          | L   | 1  | 1   | $\perp$ | 1         |          |
| -        |          | 9            | +     | +        | +           | 4      | -+              | 4            | -            | 4          | 4      | 4      | -    | 9   |         | +            | ╄-           | 4        | +          | 1       | <b>L</b>       |          | Ш        | Ц        |    |          | 48       | ١.     | L  |    | <u> </u>   | ╀   | 1  | 1   |         | Ι         | ]        |
| H        | - 6      |              | +     | +        | 4           | +      | 4               | +            | 4            | 4          | -}     | ᅱ      | - }- |     |         | +            | +            | +        | ╄          | -       | ├-             |          | Ш        | Ш        | -  |          | 149      | +      | L  |    | L          | Ļ   | 1  | T   | I       | I         | ]        |
| L.       | 10       | ~_           | _     | _        | -           | _1     | _               | _1.          |              | Д          | _1     | نــ    | L    | ho  | ۷.      | _            | 1_           | L        | 1_         | <u></u> |                | لـــا    | ш        | لــا     |    | لــا     | 50       | _      | L. | Ш  | L          | ᅩ   | 1  | L   |         | $\perp$   | _]       |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

8 14/5c

BEST AVAILABLE COPY